

# **MARSHALL SPACE FLIGHT CENTER NASA FACULTY FELLOWSHIP PROGRAM (NFFP) RESEARCH/TASKS AVAILABLE FOR SUMMER 2004**

---

## **Safety and Mission Assurance Office**

### **TITLE OF RESEARCH/TASK**

Tools for Probabilistic Risk Assessments (PRA) for New Technology Programs

### **BRIEF DESCRIPTION OF RESEARCH/TASK**

Develop new tools that can be applied to new start NASA technology projects to determine a probabilistic mission success score. Mission assurance leads would use this tool to evaluate the safety of new NASA technology concepts.

### **DISCIPLINARY FIELDS REQUIRED/APPLICABLE FOR RESEARCH/TASK**

Engineering with a statistical background.

### **MSFC SPONSOR**

<u>NAME</u>	<u>MAIL CODE</u>	<u>PHONE</u>	<u>E-MAIL ADDRESS</u>
Vygantas P. Kulpa	QS10	256-544-1383	Vgya.Kulpa@nasa.gov

### **MSFC ALTERNATE SPONSOR**

<u>NAME</u>	<u>MAIL CODE</u>	<u>PHONE</u>	<u>E-MAIL ADDRESS</u>
Thomas W. Hartline	QS10	256-544-0052	Thomas.W.Hartline@nasa.gov

### **DEPARTMENT**

Advanced Projects Assurance Department

.....